
Faculty of Engineering & Technology**Analysis and Design of Algorithms****Information :****Course Code :** EED461**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Computer & Intelligent Systems Engineering**Description :**

This is an intermediate algorithms course with an emphasis on teaching techniques for the design and analysis of efficient algorithms. Emphasizing methods of application. Topics: Divide-and-conquer, Randomization, Dynamic programming, Greedy algorithms, Incremental improvement, Complexity, and Cryptography. We will focus on studying basic algorithms at a finer level of detail and more advanced algorithms and data structures.